



**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Applicant: Pocker et al.

Atty Docket: SJO990197US

Serial No.: 09/721,264

Art Unit: 1762

Filing Date: November 21, 2000

Examiner: Marianne L. Padgett

Title: **"ENERGY GRADIENT ION BEAM DEPOSITION OF CARBON OVERCOATS  
ON RIGID DISK MEDIA FOR MAGNETIC RECORDINGS"**

Box Non Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

Responsive to the Office Action mailed March 31, 2003, please amend the application as follows:

**In the Claims**

Please replace original claims with like numbered amended claims set forth below. A marked up copy of the amended claims is submitted herewith as Attachment A.

13. (Twice amended) A process for fabricating a magnetic media hard disk comprising:  
fabricating a magnetic media layer upon a surface material of a substrate;  
fabricating a diamond-like carbon (DLC) layer upon said magnetic layer by:  
fabricating an initial thickness portion of said DLC layer upon said magnetic layer  
utilizing a relatively low ion carbon beam energy of less than approximately 20 eV;  
fabricating a subsequent thickness portion of said DLC layer upon said initial  
thickness portion of said DLC layer utilizing at least one relatively high carbon ion beam energy  
of greater than approximately 50 eV.

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16. (Twice amended) A process for fabricating a magnetic media hard disk as described in  
claim 13, including fabricating an intermediate thickness portion of said DLC layer between said

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